

# Monroe

## County Profile

### 2013

*A collection of recent demographic, social, economic and agricultural data*

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Cornell University  
Cooperative Extension



This profile is a part of a set of profiles generated for each county in New York State. The profiles were developed and generated by the Cornell Program on Applied Demographics. The work is sponsored by Cornell Cooperative Extension and promoted with webinars and workshops in coordination with the Community & Regional Development Institute.

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## Contents

Contents .....	2
1 Reference Maps .....	4
2 Population density and Urban Areas Map.....	6
3 Total Population.....	7
3.1 Historic and projected .....	7
3.2 Change since previous Census.....	7
3.3 Annual population estimates.....	8
3.4 Percentage sub county change 2000-2010 .....	9
4 Population by age .....	11
4.1 Historic and projected population pyramids.....	11
4.2 Selected age groups.....	12
4.3 Median age: comparison between areas .....	14
5 Race.....	15
5.1 Total and household population by race .....	15
5.2 Race composition by age .....	15
6 Housing units .....	16
6.1 Characteristics .....	16
6.2 Historical data on number of housing units and occupancy status.....	17
7 Education .....	18
7.1 Enrollment by level of school .....	18
7.2 Enrollment by age.....	18
7.3 Percentage age 18-24 enrolled in college .....	18
7.4 Educational attainment .....	19
8 Language spoken at home .....	19
9 Labor Force Characteristics.....	20
9.1 Labor force, employment and unemployment .....	20
9.2 Annual unemployment rate.....	21
9.3 Monthly unemployment rate .....	21
9.4 Employment and number of jobs .....	22
9.5 Class of worker.....	22
9.6 Jobs by industry sector .....	23
10 Household Income .....	24
10.1 Distribution .....	24
10.2 Median household income: Trends over time.....	25
10.3 Median household income: Comparison between areas .....	26
11 Poverty .....	27
11.1 Poverty characteristics.....	27
11.2 Poverty: Trends over time: Count.....	28
11.3 Poverty: Trends over time: Rate .....	28
11.4 Poverty rate: comparison between areas .....	29
12 Agriculture .....	30
12.1 Number of farms and land in farms.....	30
12.2 Farm Operator Characteristics.....	30

12.3 Map of type of crop .....	31
12.4 Estimated acreage by crop .....	32
13 Climate .....	33
14 Glossary.....	34
15 References .....	37

## 1 Reference Maps



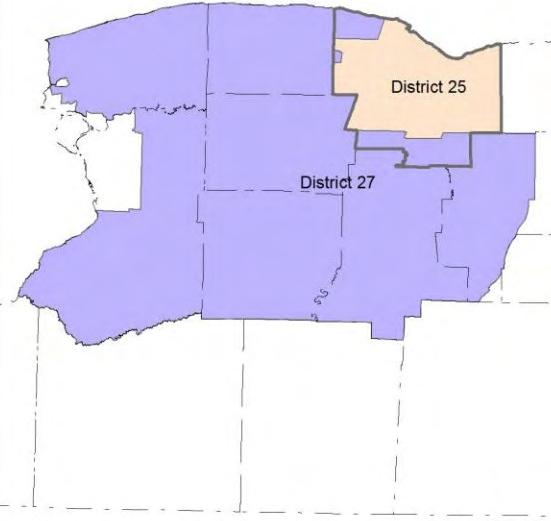
## Monroe County, NY

### Overlap with School and Political Districts

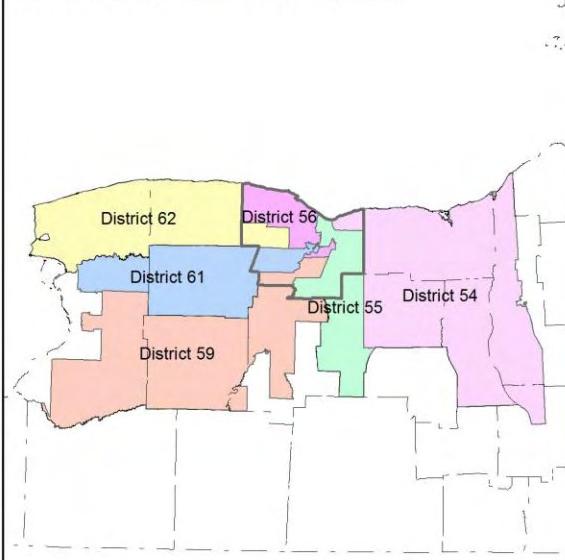
School Districts



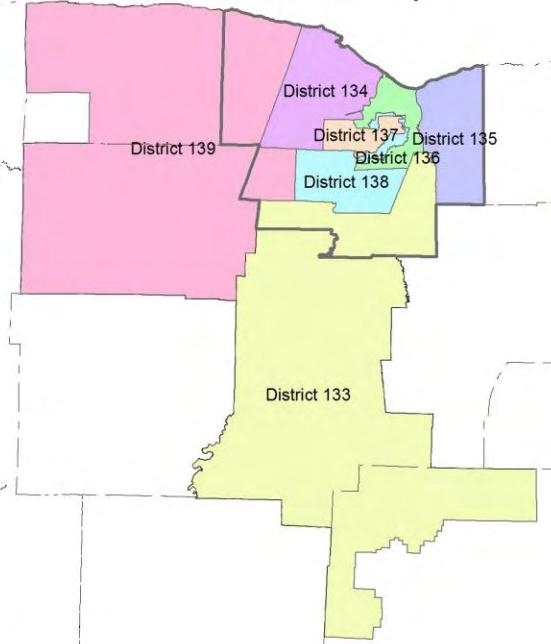
113th House of Representatives



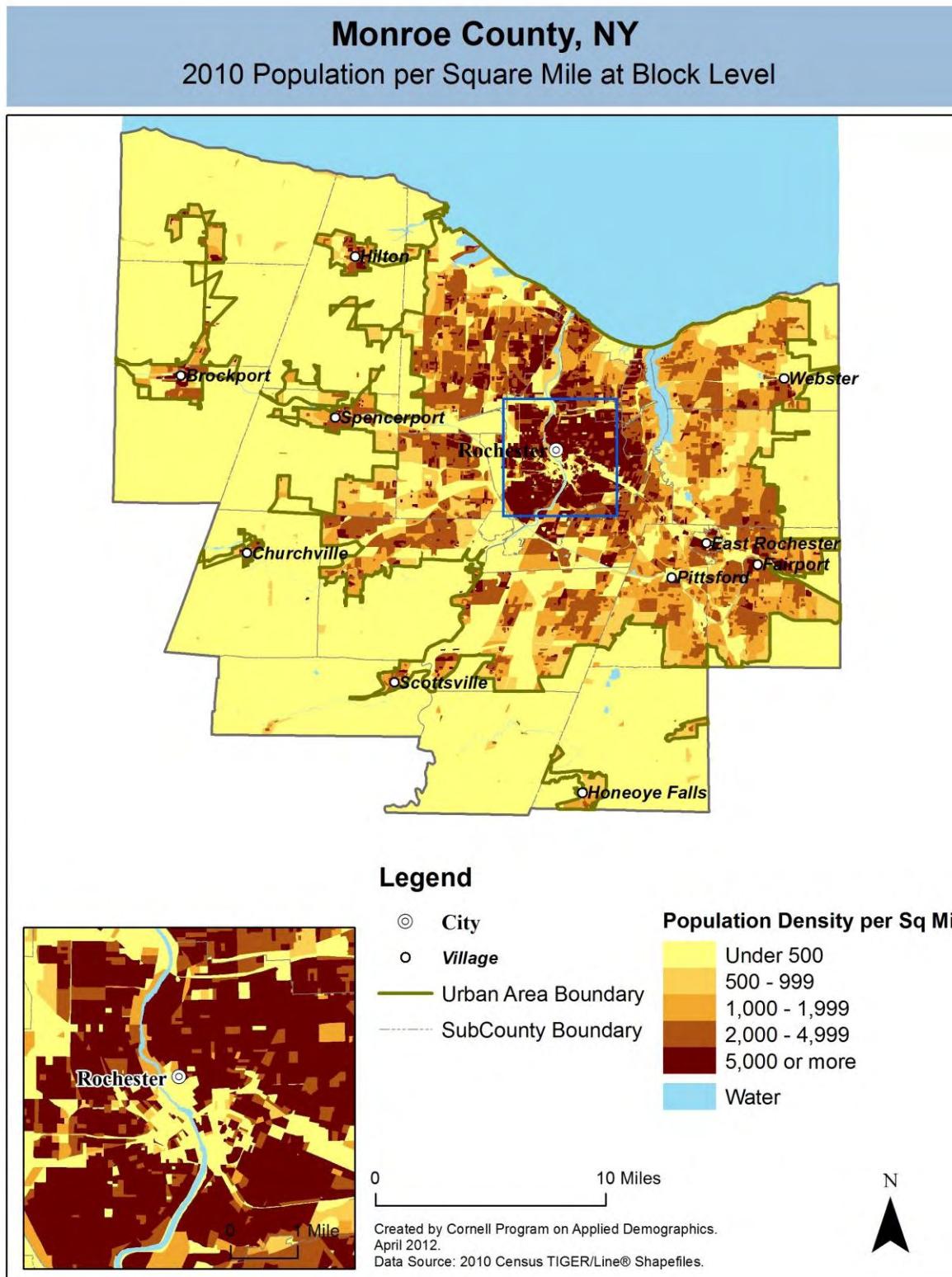
2013-2014 New York Senate



2013-2014 New York Assembly

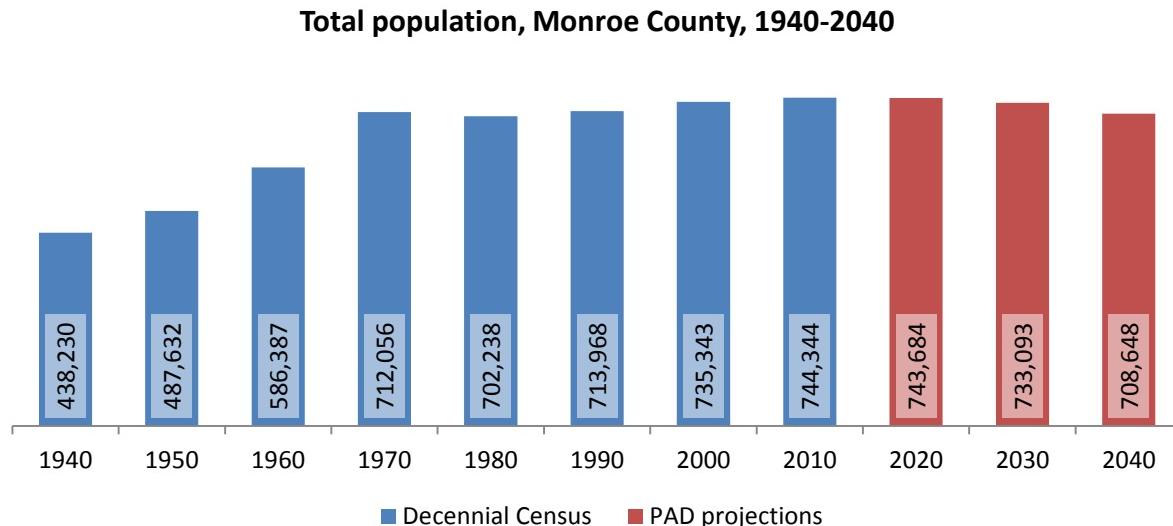


## 2 Population density and Urban Areas Map



### 3 Total Population

#### 3.1 Historic and projected



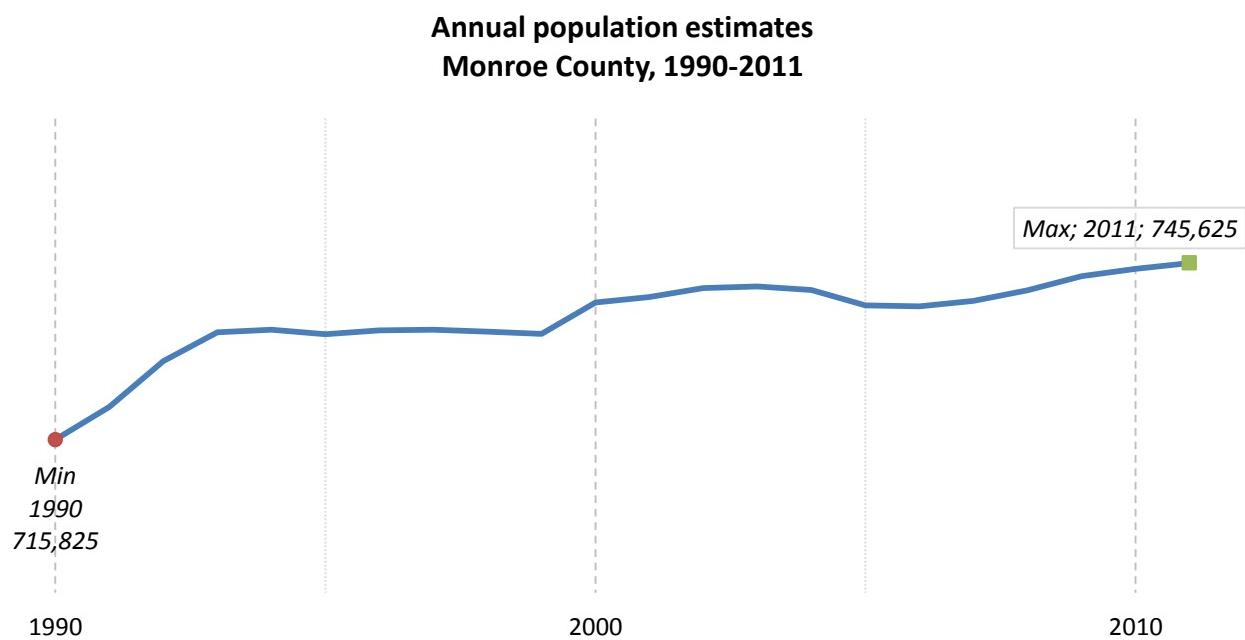
Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

#### 3.2 Change since previous Census

	Total population	Change	
		Number	Percent
Decennial Census	1940	438,230	
	1950	487,632	49,402 11.3%
	1960	586,387	98,755 20.3%
	1970	712,056	125,669 21.4%
	1980	702,238	-9,818 -1.4%
	1990	713,968	11,730 1.7%
	2000	735,343	21,375 3.0%
	2010	744,344	9,001 1.2%
PAD projections	2020	743,684	-660 -0.1%
	2030	733,093	-10,591 -1.4%
	2040	708,648	-24,445 -3.3%

Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

### 3.3 Annual population estimates



Source: U.S. Census Bureau population estimates (1990-1999 and 2000-2009 intercensal and vintage 2011 postcensal)

### 3.4 Percentage sub county change 2000-2010

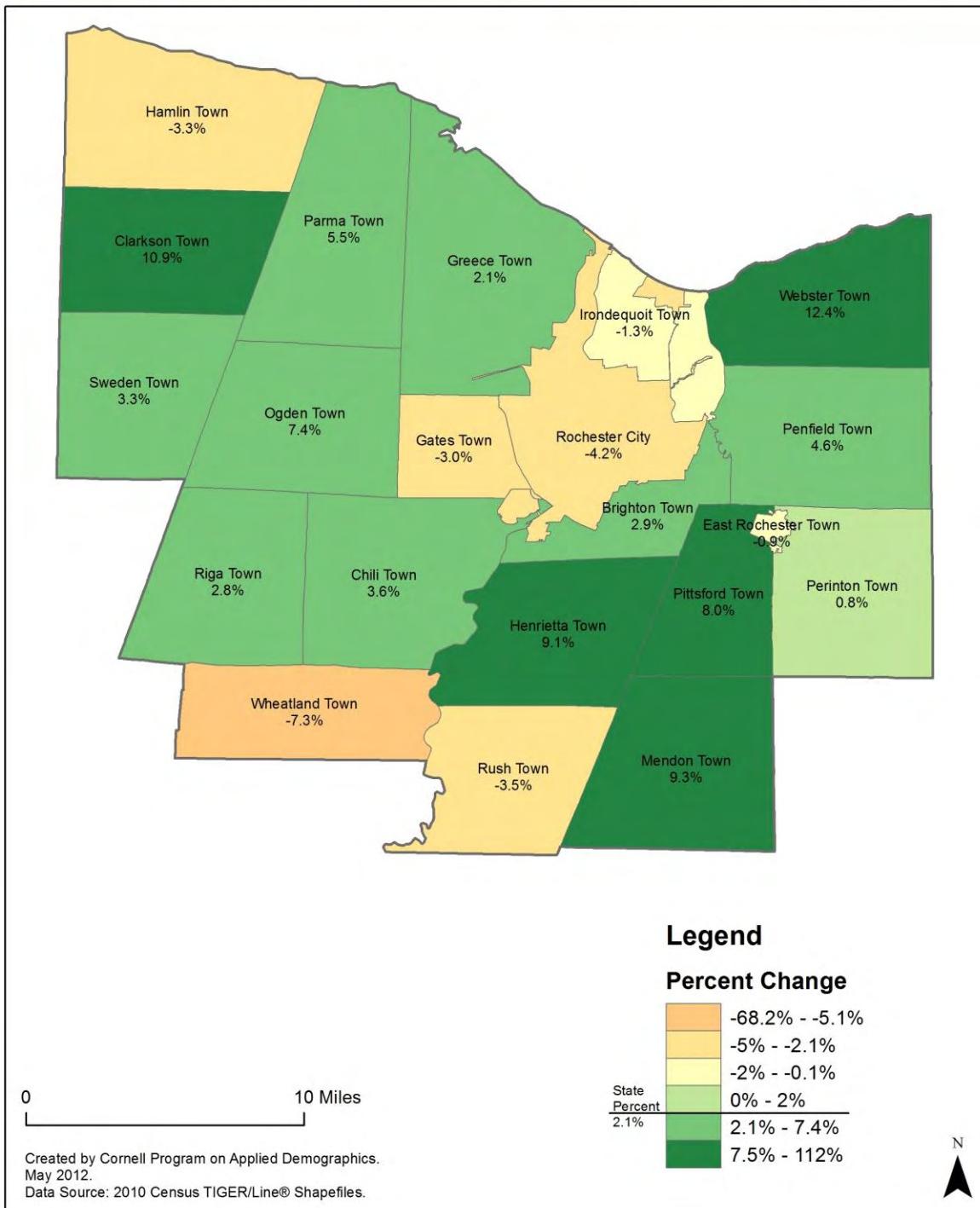
	Total Population		Difference	
	2000	2010	Count	%
New York State	18,976,821 *	19,378,102	401,281	2.1%
Monroe County	735,343	744,344	9,001	1.2%
<b>Cities</b>				
Rochester	219,773	210,565	-9,208	-4.2%
<b>Towns</b>				
Brighton	35,588	36,609	1,021	2.9%
Chili	27,638	28,625	987	3.6%
Clarkson	6,072	6,736	664	10.9%
East Rochester	6,650	6,587	-63	-0.9%
Gates	29,275	28,400	-875	-3.0%
Greece	94,141	96,095	1,954	2.1%
Hamlin	9,355	9,045	-310	-3.3%
Henrietta	39,028	42,581	3,553	9.1%
Irondequoit	52,354	51,692	-662	-1.3%
Mendon	8,370	9,152	782	9.3%
Ogden	18,492	19,856	1,364	7.4%
Parma	14,822	15,633	811	5.5%
Penfield	34,645	36,242	1,597	4.6%
Perinton	46,090	46,462	372	0.8%
Pittsford	27,219	29,405	2,186	8.0%
Riga	5,437	5,590	153	2.8%
Rush	3,603	3,478	-125	-3.5%
Sweden	13,716	14,175	459	3.3%
Webster	37,926	42,641	4,715	12.4%
Wheatland	5,149	4,775	-374	-7.3%

\* Original counts revised through Count Question Resolution Program (CQR)

Source: U.S. Census Bureau intercensal population estimates 2000-2010

## Monroe County, NY

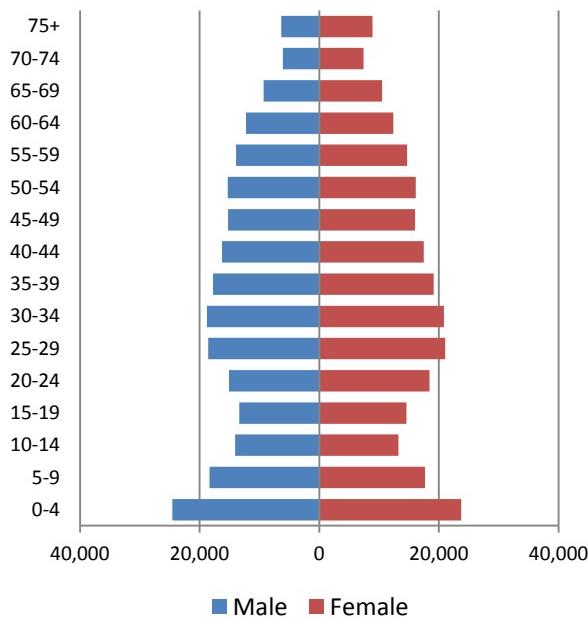
County Subdivision, Percent Change in Population 2000-2010



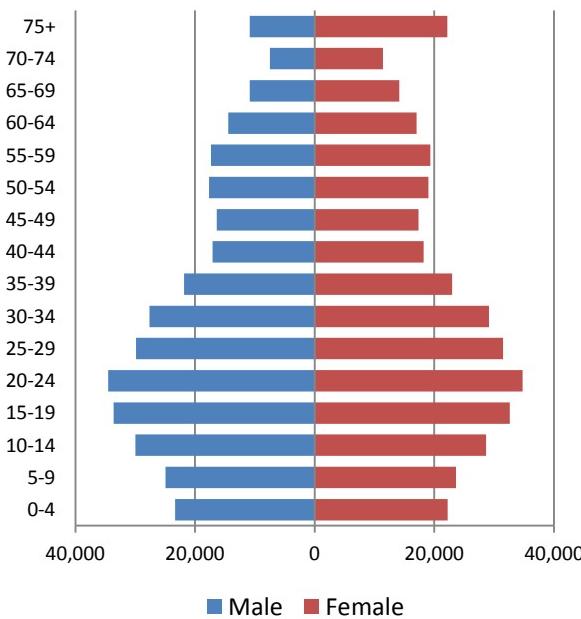
## 4 Population by age

### 4.1 Historic and projected population pyramids

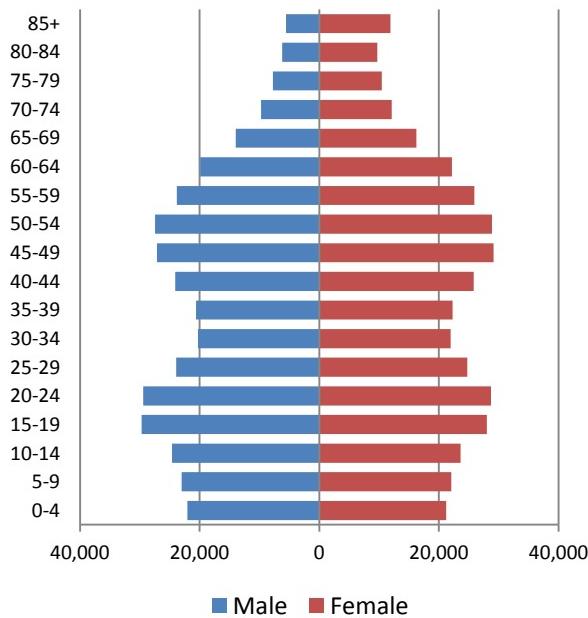
**1950 Population Pyramid, Monroe County**



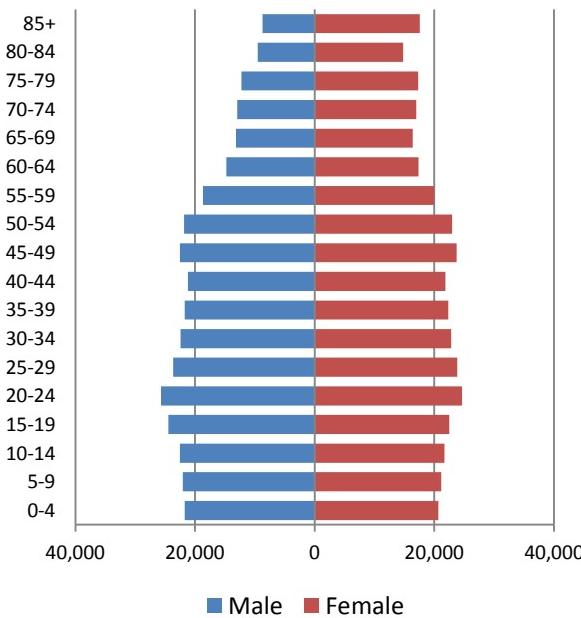
**1980 Population Pyramid, Monroe County**



**2010 Population Pyramid, Monroe County**



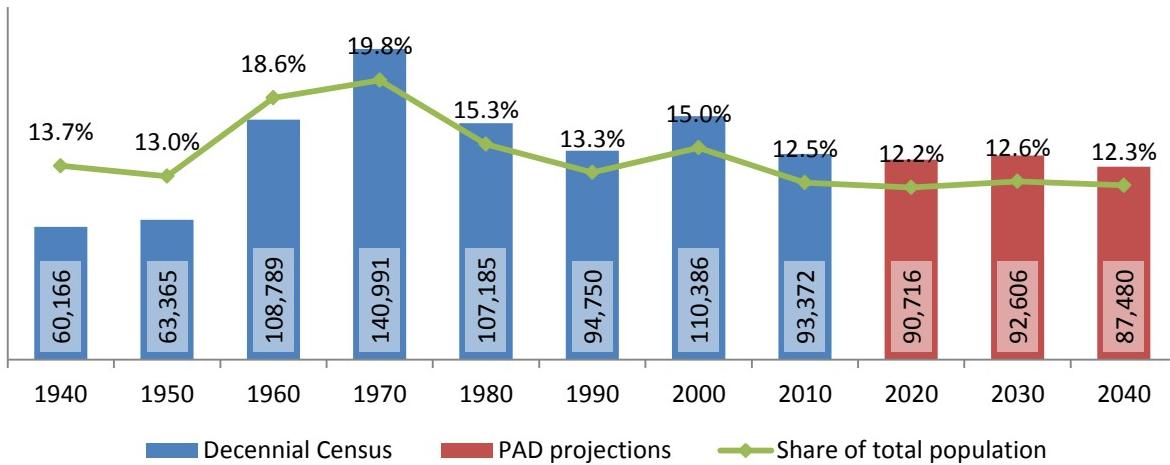
**2040 Population Pyramid, Monroe County**



Source: 1950, 1980, 2010 Decennial Census and projections by Cornell Program on Applied Demographics

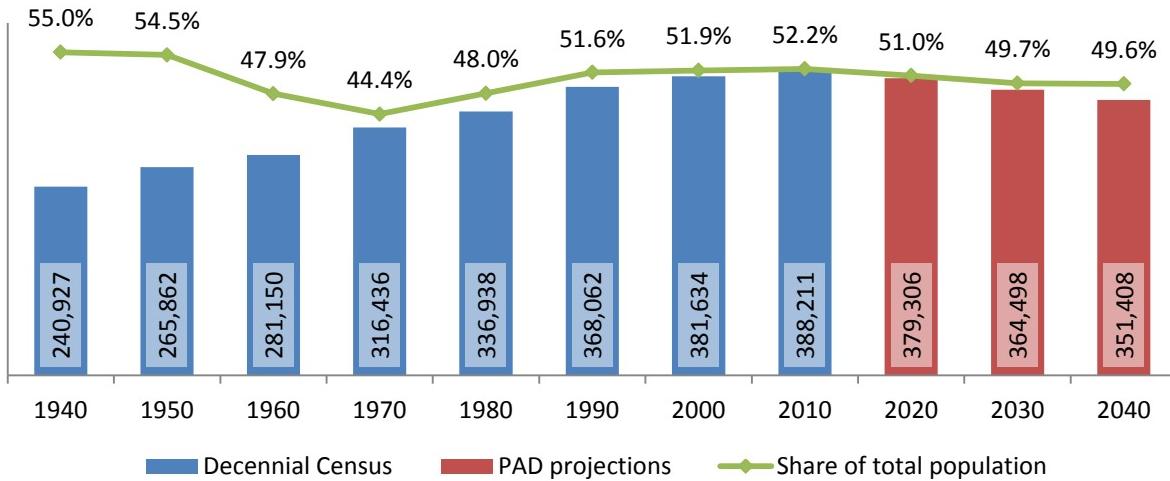
## 4.2 Selected age groups

**Population age 5-14, Monroe County, 1940-2040**

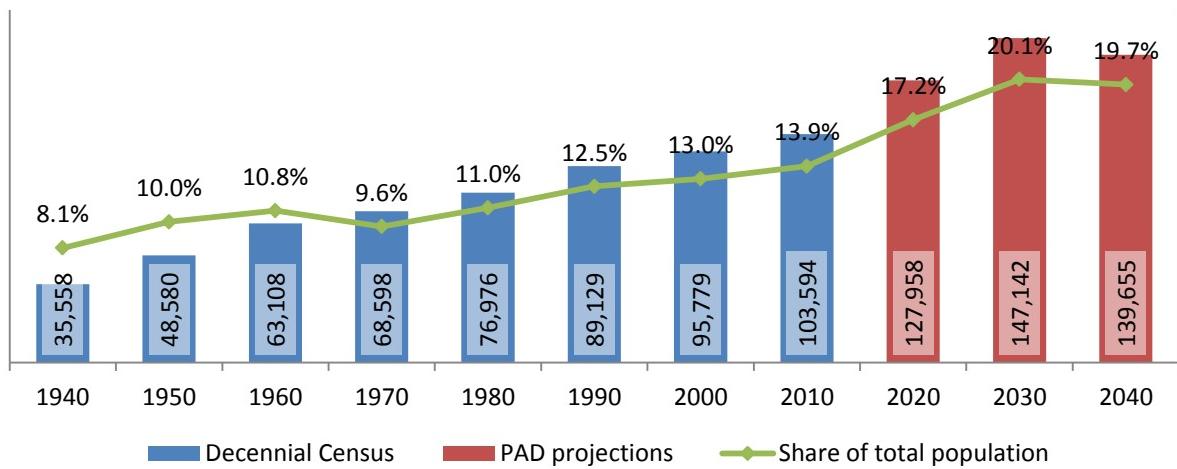


Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

**Population age 25-64, Monroe County, 1940-2040**

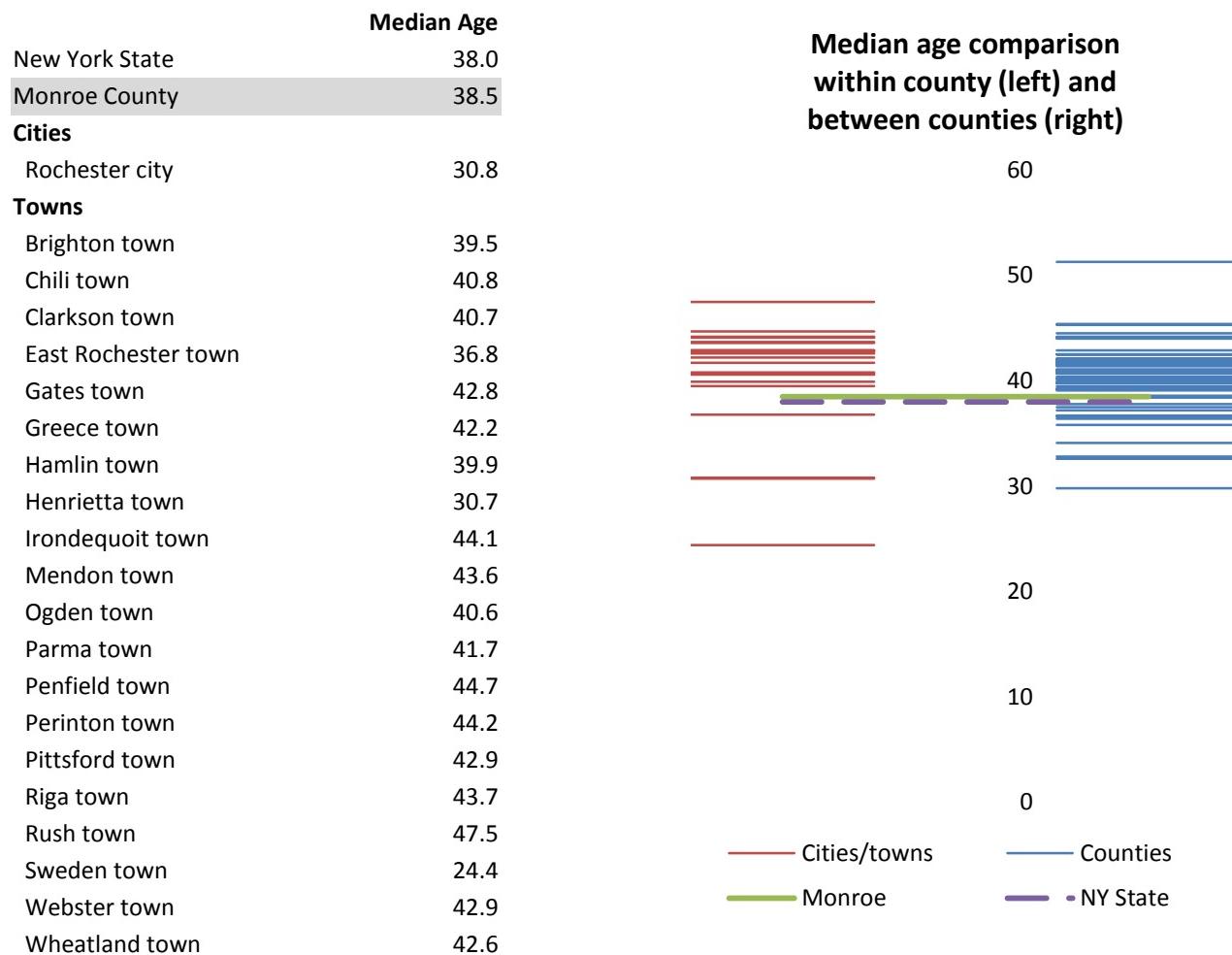


Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

**Population age 65 and over, Monroe County, 1940-2040**

Source: 1940-2010 Decennial Census and projections by Cornell Program on Applied Demographics

### 4.3 Median age: comparison between areas



Source: 2010 Decennial Census

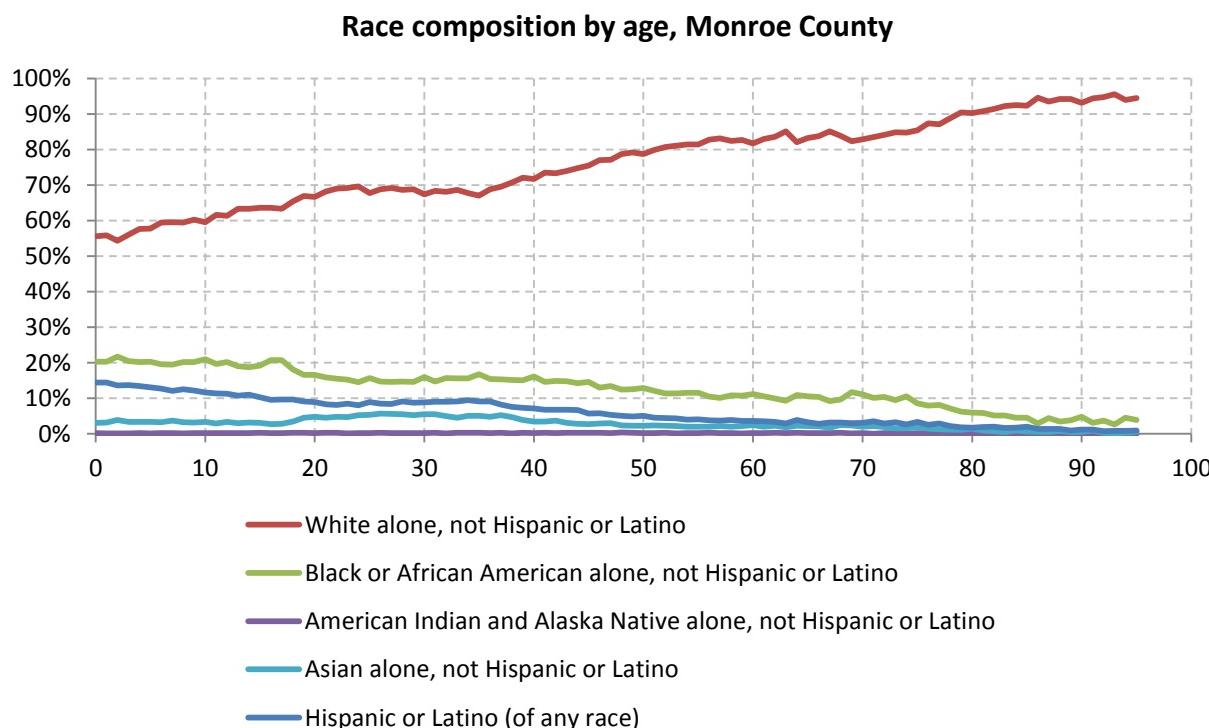
## 5 Race

### 5.1 Total and household population by race

	Total		In households		In Group Quarters
	Count	Percentage	Count	Percentage	Count
<b>Total population</b>	744,344	100%	718,061	100%	26,283
Not Hispanic or Latino					
One race					
White	542,034	72.8%	522,699	72.8%	19,335
Black or African American	107,448	14.4%	103,877	14.5%	3,571
American Indian and Alaska Native	1,589	0.2%	1,545	0.2%	44
Asian	24,023	3.2%	22,598	3.1%	1,425
Native Hawaiian and Other Pacific Islander	182	0.0%	169	0.0%	13
Some other race	1,101	0.1%	1,022	0.1%	79
Two or more races	13,962	1.9%	13,558	1.9%	404
Hispanic or Latino (of any race)	54,005	7.3%	52,593	7.3%	1,412

Source: 2010 Decennial Census

### 5.2 Race composition by age



Source: 2010 Decennial Census

## 6 Housing units

### 6.1 Characteristics

	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
<b>HOUSING OCCUPANCY</b>				
<b>Total housing units</b>	319,930	± 653	100.0%	
Occupied housing units	293,104	± 1,305	91.6%	± 0.4
Vacant housing units	26,826	± 1,387	8.4%	± 0.4
<b>YEAR STRUCTURE BUILT</b>				
<b>Total housing units</b>	319,930	± 653	100.0%	
Built 2005 or later	6,822	± 540	2.1%	± 0.2
Built 2000 to 2004	12,802	± 582	4.0%	± 0.2
Built 1990 to 1999	25,877	± 850	8.1%	± 0.3
Built 1980 to 1989	30,440	± 932	9.5%	± 0.3
Built 1970 to 1979	43,335	± 1,188	13.5%	± 0.4
Built 1960 to 1969	47,327	± 1,101	14.8%	± 0.3
Built 1950 to 1959	42,503	± 1,126	13.3%	± 0.4
Built 1940 to 1949	19,626	± 883	6.1%	± 0.3
Built 1939 or earlier	91,198	± 1,554	28.5%	± 0.5
<b>HOUSING TENURE</b>				
<b>Occupied housing units</b>	293,104	± 1,305	100.0%	
Owner-occupied	193,594	± 1,631	66.0%	± 0.5
Renter-occupied	99,510	± 1,657	34.0%	± 0.5
<b>HOUSE HEATING FUEL</b>				
<b>Occupied housing units</b>	293,104	± 1,305	100.0%	
Utility gas	237,482	± 1,635	81.0%	± 0.4
Bottled, tank, or LP gas	4,378	± 384	1.5%	± 0.1
Electricity	36,551	± 1,095	12.5%	± 0.4
Fuel oil, kerosene, etc.	10,210	± 606	3.5%	± 0.2
Coal or coke	178	± 72	0.1%	± 0.1
Wood	1,882	± 279	0.6%	± 0.1
Solar energy	0	± 89	0.0%	± 0.1
Other fuel	1,607	± 257	0.5%	± 0.1
No fuel used	816	± 171	0.3%	± 0.1
<b>VALUE</b>				
<b>Owner-occupied units</b>	193,594	± 1,631	100.0%	
Less than \$50,000	9,484	± 628	4.9%	± 0.3
\$50,000 to \$99,999	45,088	± 1,178	23.3%	± 0.5
\$100,000 to \$149,999	60,955	± 1,195	31.5%	± 0.6
\$150,000 to \$199,999	36,574	± 984	18.9%	± 0.5
\$200,000 to \$299,999	25,573	± 821	13.2%	± 0.4
\$300,000 to \$499,999	11,862	± 562	6.1%	± 0.3
\$500,000 to \$999,999	3,381	± 347	1.7%	± 0.2
\$1,000,000 or more	677	± 162	0.3%	± 0.1
Median (dollars)	132,800	± 1,114		

Source: 2007-2011 American Community Survey

## 6.2 Historical data on number of housing units and occupancy status

Year	Number of Housing Units	Change since previous Census	Occupied	Occupancy rate	Vacant
1970	228,554		220,554	96.5%	8,000
1980	264,352	15.7%	252,217	95.4%	12,135
1990	285,524	8.0%	271,944	95.2%	13,580
2000	304,388	6.6%	286,512	94.1%	17,876
2010	320,593	5.3%	300,422	93.7%	20,171

Source: 1970-2010 Decennial Census

## 7 Education

### 7.1 Enrollment by level of school

	Estimate	Margin of error
<b>Total enrolled in school</b>	208,185	$\pm 1,836$
Nursery school, preschool	10,757	$\pm 605$
Kindergarten	8,557	$\pm 582$
Elementary: grade 1 to grade 4	36,323	$\pm 811$
Elementary: grade 5 to grade 8	39,761	$\pm 848$
High school: grade 9 to grade 12	43,571	$\pm 800$
College, undergraduate	56,438	$\pm 1,772$
Graduate, professional school	12,778	$\pm 844$

*Source: 2007-2011 American Community Survey*

### 7.2 Enrollment by age

	Estimate	Margin of error
3 and 4 years	53.5%	$\pm 2.7$
5 to 9 years	96.1%	$\pm 0.7$
10 to 14 years	98.6%	$\pm 0.3$
15 to 17 years	96.9%	$\pm 0.7$
18 and 19 years	82.9%	$\pm 1.8$
20 to 24 years	52.2%	$\pm 2.0$
25 to 34 years	15.2%	$\pm 1.0$
35 years and over	2.7%	$\pm 0.1$

*Source: 2007-2011 American Community Survey*

### 7.3 Percentage age 18-24 enrolled in college

	Estimate	Margin of error
Population 18 to 24 years	82,809	$\pm 96$
Enrolled in college or graduate school	54.8%	$\pm 1.7$
Males 18 to 24 years	42,338	$\pm 63$
Enrolled in college or graduate school	53.5%	$\pm 2.0$
Females 18 to 24 years	40,471	$\pm 67$
Enrolled in college or graduate school	56.1%	$\pm 2.2$

*Source: 2007-2011 American Community Survey*

## 7.4 Educational attainment

	COUNT		PERCENTAGE	
	Estimate	Margin of error	Estimate	Margin of error
<b>Population 25 years and over</b>	489,851	± 86	100%	
<b>EDUCATIONAL ATTAINMENT</b>				
Less than 9th grade	18,458	± 1,395	3.8%	± 0.3
9th to 12th grade, no diploma	37,502	± 1,422	7.7%	± 0.3
High school graduate (includes equivalency)	123,585	± 2,152	25.2%	± 0.4
Some college, no degree	84,503	± 1,861	17.3%	± 0.4
Associate's degree	52,890	± 1,527	10.8%	± 0.3
Bachelor's degree	98,515	± 2,104	20.1%	± 0.4
Graduate or professional degree	74,398	± 1,639	15.2%	± 0.3
Percent high school graduate or higher			88.6%	± 0.4
Percent bachelor's degree or higher			35.3%	± 0.5

Source: 2007-2011 American Community Survey

## 8 Language spoken at home

	COUNT		PERCENTAGE		SPEAK ENGLISH LESS THAN "VERY WELL"	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
<b>Population 5 years and over</b>	699,778	± 23	100%			
<b>LANGUAGE SPOKEN AT HOME</b>						
English only	612,581	± 2,535	87.5%	± 0.4		
Language other than English	87,197	± 2,538	12.5%	± 0.4	32,685	± 1,637
Spanish	34,721	± 1,165	5.0%	± 0.2	11,388	± 840
Other Indo-European languages	30,705	± 1,822	4.4%	± 0.3	10,849	± 974
Asian and Pacific Islander languages	16,449	± 1,074	2.4%	± 0.2	8,452	± 761
Other languages	5,322	± 1,031	0.8%	± 0.1	1,996	± 451

Source: 2007-2011 American Community Survey

## 9 Labor Force Characteristics

### 9.1 Labor force, employment and unemployment

	TOTAL Estimate	Margin of error	IN LABOR FORCE Estimate	Margin of error	EMPLOYED Estimate	Margin of error	UNEMPLOYMENT RATE Estimate	Margin of error
<b>Population 16 years and over</b>	595,519	± 466	63.8%	± 0.4	58.9%	± 0.4	7.5%	± 0.3
<b>AGE</b>								
16 to 19 years	48,686	± 495	41.6%	± 1.7	33.5%	± 1.5	19.2%	± 1.8
20 to 24 years	56,982	± 211	71.6%	± 1.8	62.3%	± 1.8	12.8%	± 1.1
25 to 44 years	185,302	± 107	83.7%	± 0.6	78.1%	± 0.7	6.6%	± 0.5
45 to 54 years	112,266	± 72	81.8%	± 0.8	77.2%	± 0.8	5.6%	± 0.6
55 to 64 years	89,754	± 28	63.8%	± 1.3	59.9%	± 1.2	6.1%	± 0.6
65 to 74 years	50,668	± 27	24.2%	± 1.1	23.0%	± 1.0	5.3%	± 1.2
75 years and over	51,861	± 23	4.7%	± 0.6	4.4%	± 0.6	4.8%	± 2.3
<b>RACE AND HISPANIC OR LATINO ORIGIN</b>								
One race	587,313	± 741	63.8%	± 0.4	59.0%	± 0.4	7.4%	± 0.3
White	474,658	± 1,304	64.6%	± 0.4	60.7%	± 0.4	5.9%	± 0.3
Black or African American	79,855	± 689	59.4%	± 1.3	49.6%	± 1.3	16.4%	± 1.2
American Indian and Alaska Native	1,522	± 218	59.3%	± 6.8	55.3%	± 7.2	6.8%	± 5.7
Asian	18,862	± 582	61.7%	± 2.4	57.6%	± 2.4	6.7%	± 1.8
Pacific Islander	270	± 77	64.1%	± 11.8	61.5%	± 12.7	4.0%	± 6.3
Some other race	12,146	± 1,160	66.0%	± 3.3	56.7%	± 3.8	14.1%	± 3.1
Two or more races	8,206	± 655	63.5%	± 3.5	54.1%	± 3.7	14.9%	± 3.5
Hispanic or Latino origin (of any race)	34,775	± 165	61.5%	± 1.8	53.3%	± 1.7	13.4%	± 1.5
White alone, not Hispanic or Latino	455,242	± 523	64.8%	± 0.4	61.1%	± 0.4	5.7%	± 0.3
<b>SEX</b>								
<b>Population 20 to 64 years</b>	444,304	± 202	77.6%	± 0.5	72.2%	± 0.5	7.0%	± 0.3
Male	215,669	± 86	81.7%	± 0.6	75.4%	± 0.7	7.5%	± 0.4
Female	228,635	± 172	73.8%	± 0.7	69.1%	± 0.7	6.4%	± 0.5
With own children under 6 years	33,795	± 1,070	71.3%	± 1.5	65.3%	± 1.5	8.4%	± 1.4
<b>EDUCATIONAL ATTAINMENT</b>								
<b>Population 25 to 64 years</b>	387,322	± 87	78.5%	± 0.5	73.6%	± 0.5	6.2%	± 0.3
Less than high school graduate	35,343	± 1,580	49.6%	± 2.5	41.8%	± 2.3	15.6%	± 2.4
High school graduate (includes equivalency)	89,223	± 1,780	74.6%	± 1.0	69.2%	± 1.0	7.3%	± 0.7
Some college or associate's degree	115,822	± 2,093	81.1%	± 0.9	75.2%	± 0.9	7.2%	± 0.6
Bachelor's degree or higher	146,934	± 2,337	85.8%	± 0.5	82.7%	± 0.6	3.5%	± 0.3

Table formula:

$$\text{LABOR FORCE} = \# \text{ EMPLOYED} + \# \text{ UNEMPLOYED}$$

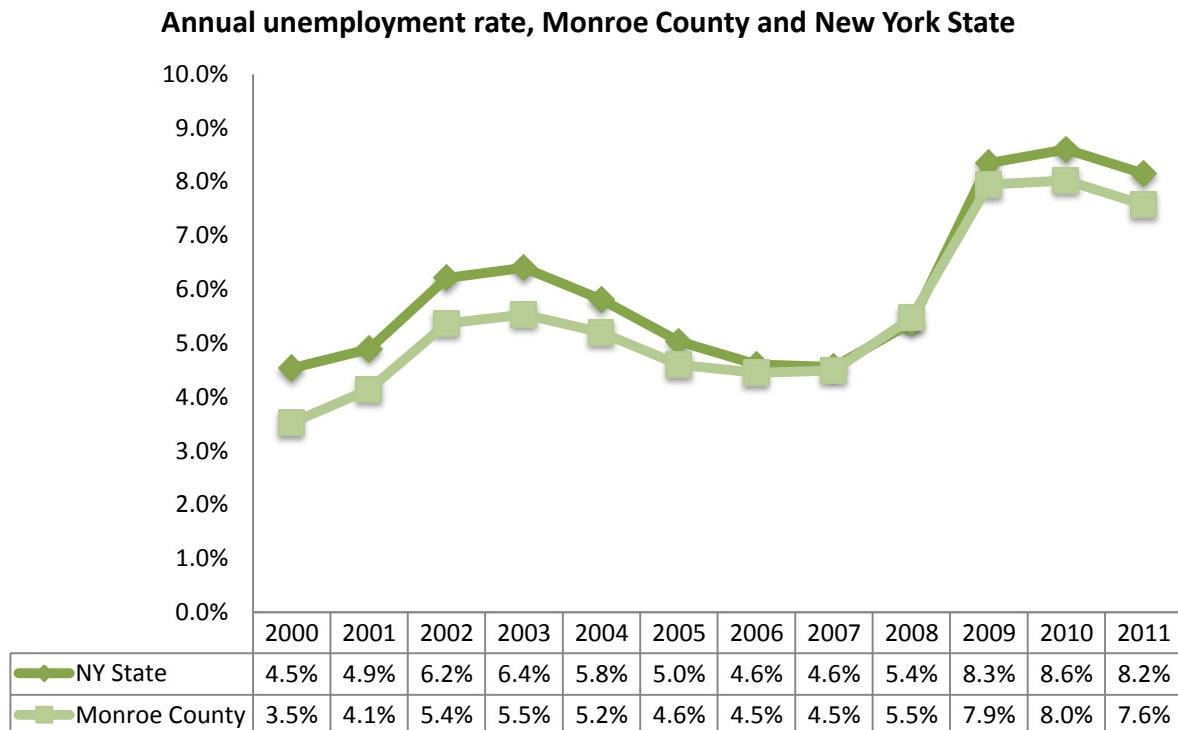
$$\% \text{ IN LABOR FORCE} = \text{LABOR FORCE} / \text{TOTAL} * 100\%$$

$$\% \text{ EMPLOYED} = \# \text{ EMPLOYED} / \text{TOTAL} * 100\%$$

$$\text{UNEMPLOYMENT RATE} = \# \text{ UNEMPLOYED} / \text{LABOR FORCE} * 100\%$$

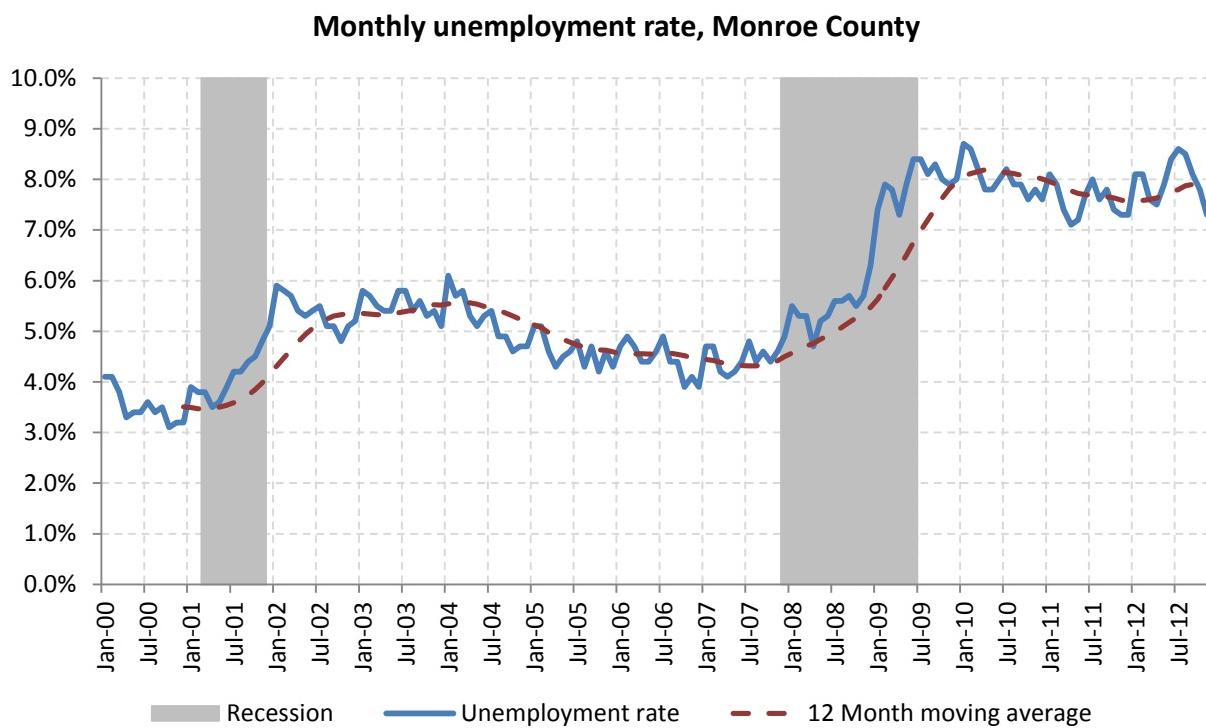
Source: 2007-2011 American Community Survey

## 9.2 Annual unemployment rate



Source: Bureau Labor Statistics (BLS)

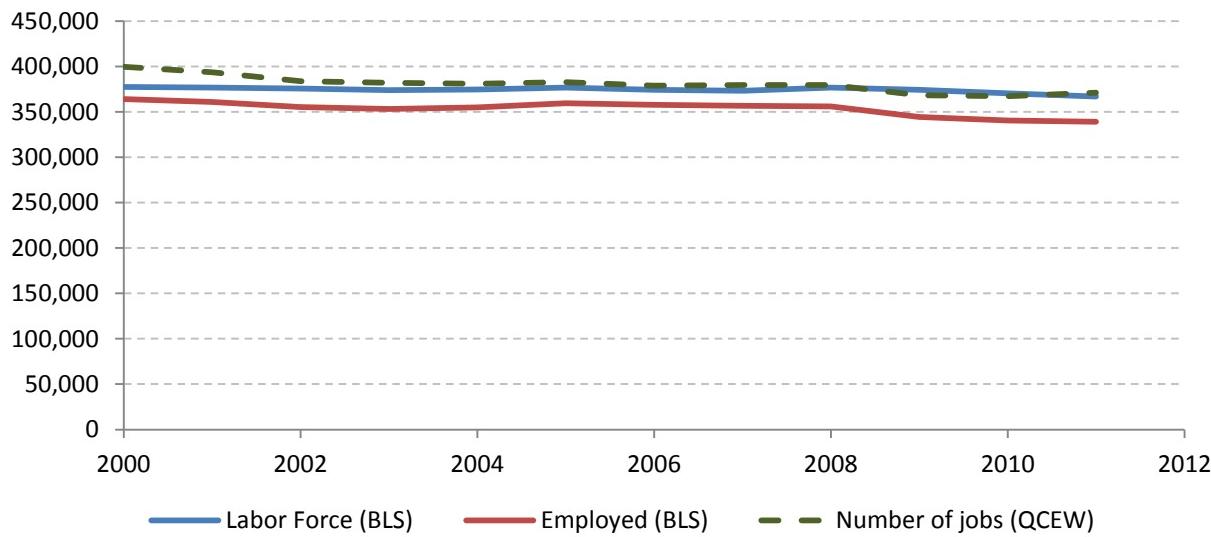
## 9.3 Monthly unemployment rate



Source: Bureau Labor Statistics (BLS)

## 9.4 Employment and number of jobs

**Labor force, number of employed workers and number of jobs  
Monroe County**



Source: Bureau Labor Statistics (BLS) and NY Department of Labor - Quarterly Census of Employment and Wages (QCEW) – annual averages

## 9.5 Class of worker

		Estimate	Total	%Male %Female		Median earnings (\$)		
				Total	Male	Female	Total	Male
Civilian employed population 16 years and over	Estimate	350,901	50.7%	49.3%	33,801	40,677	28,753	
	Margin of error	± 2,256	± 0.3	± 0.3	± 450	± 535	± 573	
Private for-profit wage and salary workers:	Estimate	240,548	54.7%	45.3%	32,450	40,003	26,513	
	Margin of error	± 2,389	± 0.6	± 0.6	± 487	± 695	± 545	
Employee of private company workers	Estimate	231,342	54.0%	46.0%	32,073	39,197	26,467	
	Margin of error	± 2,439	± 0.5	± 0.5	± 433	± 763	± 553	
Self-employed in own incorporated business workers	Estimate	9,206	73.6%	26.4%	49,855	55,039	29,722	
	Margin of error	± 633	± 2.9	± 2.9	± 4,617	± 4,202	± 5,414	
Private not-for-profit wage and salary workers	Estimate	46,093	35.6%	64.4%	34,034	37,254	32,460	
	Margin of error	± 1,300	± 1.5	± 1.5	± 1,016	± 2,398	± 994	
Local government workers	Estimate	30,420	39.3%	60.7%	43,590	51,019	39,577	
	Margin of error	± 1,196	± 1.4	± 1.4	± 877	± 1,587	± 1,777	
State government workers	Estimate	11,699	42.6%	57.4%	45,258	50,211	42,064	
	Margin of error	± 680	± 3.0	± 3.0	± 1,972	± 1,731	± 2,285	
Federal government workers	Estimate	4,216	59.6%	40.4%	52,704	54,873	48,578	
	Margin of error	± 489	± 4.9	± 4.9	± 1,820	± 2,268	± 4,536	
Self-employed in own not incorporated business workers and unpaid family workers	Estimate	17,925	57.9%	42.1%	21,145	26,770	14,620	
	Margin of error	± 884	± 2.5	± 2.5	± 750	± 1,554	± 1,681	

Source: 2007-2011 American Community Survey

## 9.6 Jobs by industry sector

	Monroe County			NY state
	2011	Change since 2006	% of total	% of total
All NAICS Sectors	374,882	-2.9%	100.0%	100.0%
Agriculture, Forestry, Fishing and Hunting	479	9.9%	0.1%	0.3%
Mining, Quarrying, and Oil and Gas Extraction	91	-42.8%	0.0%	0.1%
Utilities	1,101	-22.1%	0.3%	0.5%
Construction	12,193	-4.7%	3.3%	3.5%
Manufacturing	43,816	-23.5%	11.7%	5.5%
Wholesale Trade	15,531	-1.3%	4.1%	4.0%
Retail Trade	38,336	-9.6%	10.2%	10.5%
Transportation and Warehousing	7,976	-6.2%	2.1%	3.4%
Information	7,795	-18.0%	2.1%	3.3%
Finance and Insurance	12,538	4.9%	3.3%	6.0%
Real Estate and Rental and Leasing	5,816	-1.8%	1.6%	2.3%
Professional, Scientific, and Technical Services	21,203	-3.4%	5.7%	6.9%
Management of Companies and Enterprises	12,310	-10.8%	3.3%	1.6%
Administrative and Support and Waste Management and Remediation Services	23,687	3.8%	6.3%	5.2%
Educational Services	52,962	10.4%	14.1%	10.8%
Health Care and Social Assistance	59,421	7.9%	15.9%	17.0%
Arts, Entertainment, and Recreation	5,257	-1.3%	1.4%	1.9%
Accommodation and Food Services	26,080	5.6%	7.0%	7.3%
Other Services (except Public Administration)	14,464	5.9%	3.9%	3.9%
Public Administration	13,827	-4.6%	3.7%	5.8%

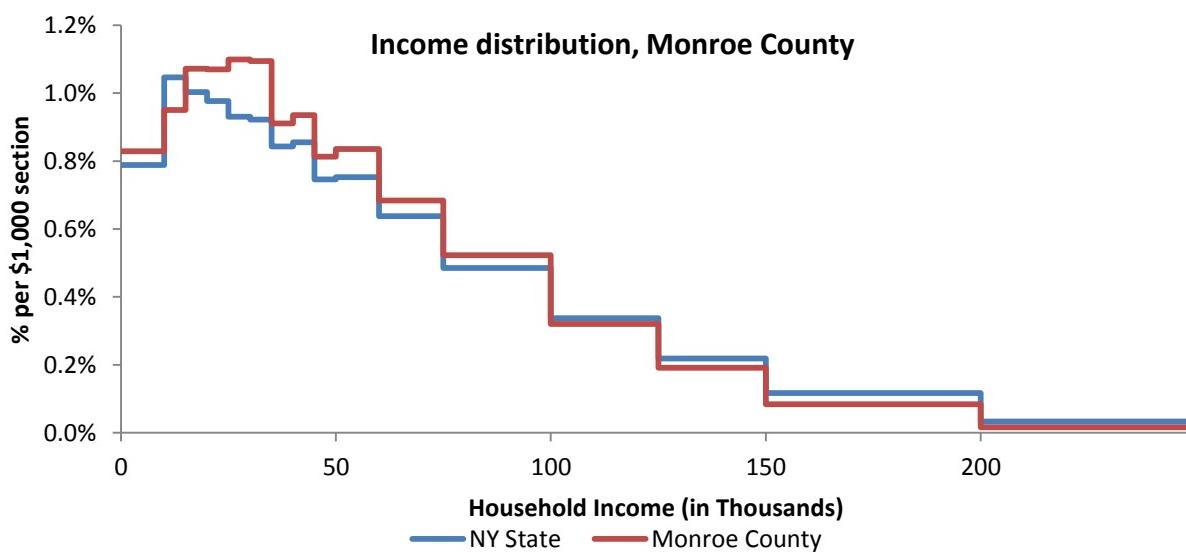
Source: U.S. Census Bureau - Public Use Quarterly Workforce Indicators (QWI) – annual averages

## 10 Household Income

### 10.1 Distribution

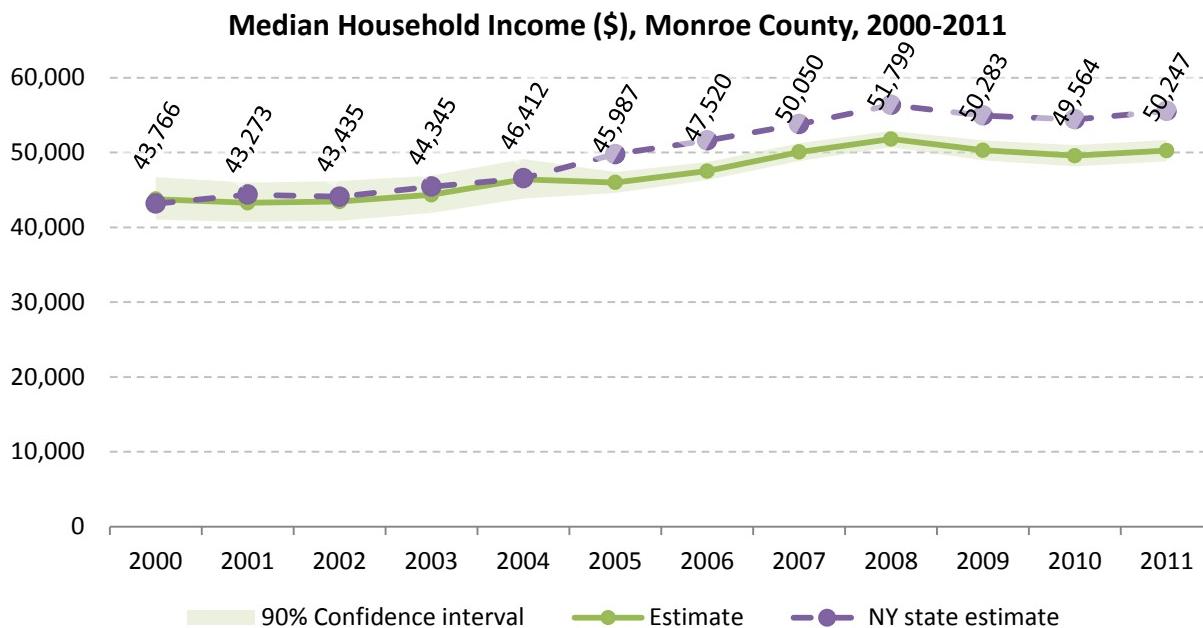
	Estimate	Margin of error	Interval width (in \$1,000)	Est. per \$1,000 section
<b>Total:</b>	293,104	± 1,305		
Less than \$10,000	24,280	± 983	10	2,428.0
\$10,000 to \$14,999	13,925	± 789	5	2,785.0
\$15,000 to \$19,999	15,701	± 869	5	3,140.2
\$20,000 to \$24,999	15,677	± 745	5	3,135.4
\$25,000 to \$29,999	16,112	± 826	5	3,222.4
\$30,000 to \$34,999	16,033	± 858	5	3,206.6
\$35,000 to \$39,999	13,349	± 754	5	2,669.8
\$40,000 to \$44,999	13,707	± 791	5	2,741.4
\$45,000 to \$49,999	11,912	± 682	5	2,382.4
\$50,000 to \$59,999	24,486	± 881	10	2,448.6
\$60,000 to \$74,999	30,064	± 1,085	15	2,004.3
\$75,000 to \$99,999	38,300	± 1,104	25	1,532.0
\$100,000 to \$124,999	23,451	± 964	25	938.0
\$125,000 to \$149,999	14,038	± 708	25	561.5
\$150,000 to \$199,999	12,303	± 689	50	246.1
\$200,000 or more	9,766	± 663	-	-

Source: 2007-2011 American Community Survey



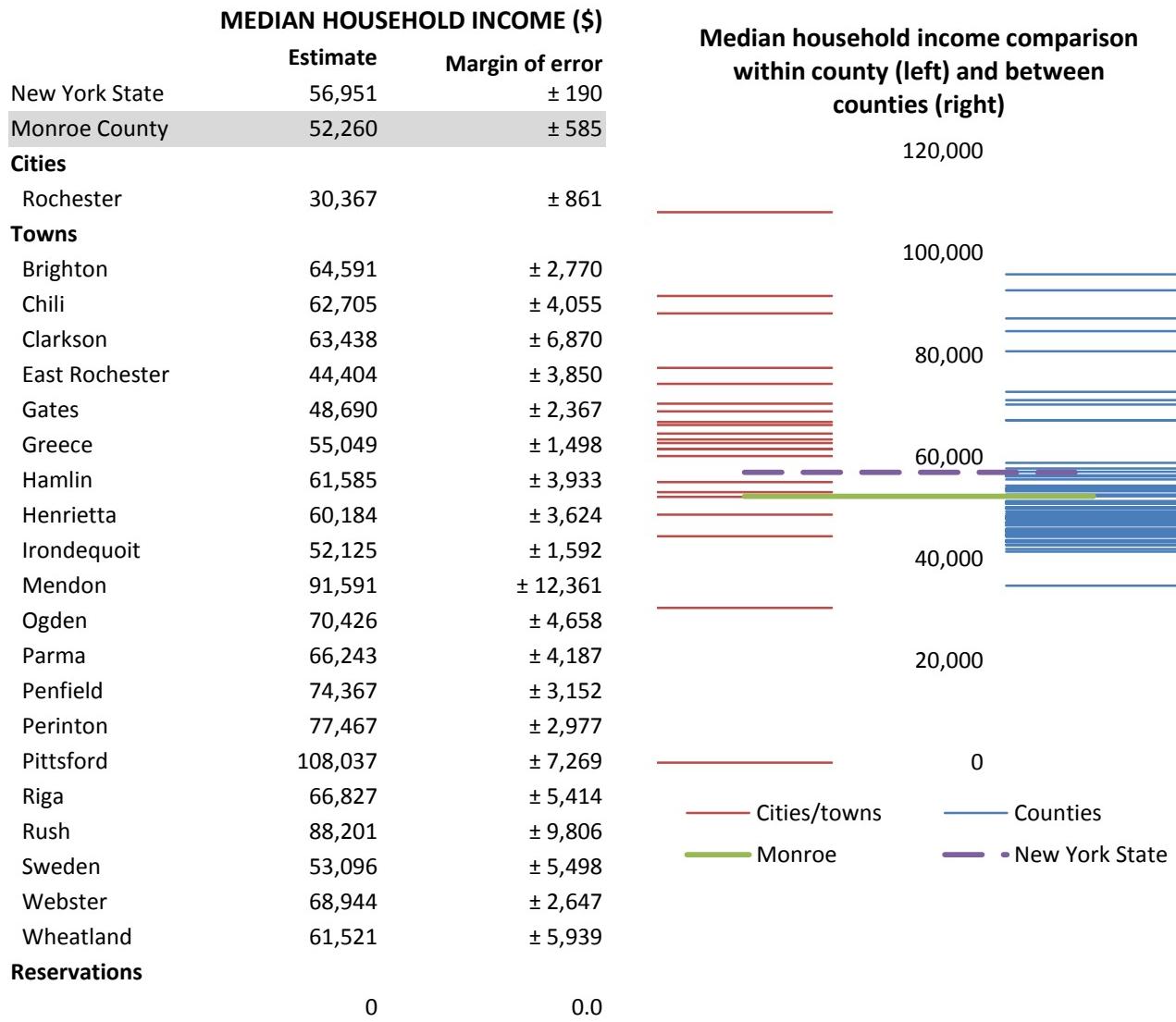
Source: 2007-2011 American Community Survey

## 10.2 Median household income: Trends over time



Source: Small Area Income and Poverty Estimates (SAIPE)

### 10.3 Median household income: Comparison between areas



Source: 2007-2011 American Community Survey

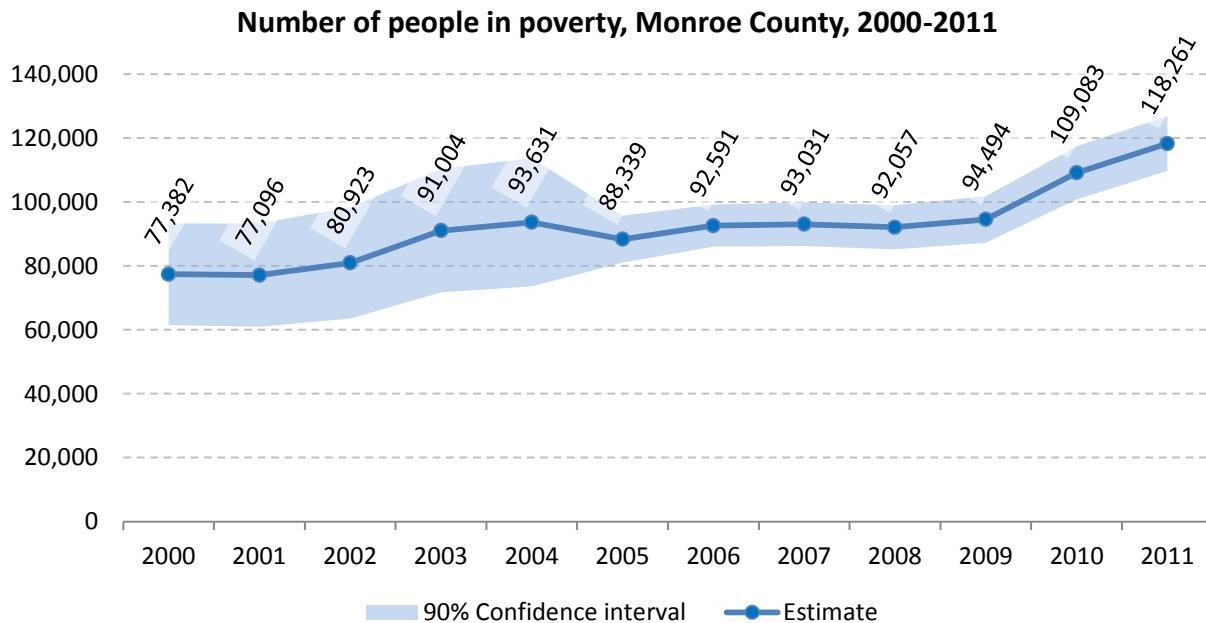
## 11 Poverty

### 11.1 Poverty characteristics

	TOTAL		BELOW POVERTY LEVEL		PERCENT BELOW POVERTY LEVEL	
	Estimate	Margin of error	Estimate	Margin of error	Estimate	Margin of error
<b>Population for whom poverty status is determined</b>	716,596	± 1,544	103,432	± 3,321	14.4%	± 0.5
<b>AGE</b>						
Under 18 years	167,399	± 415	34,329	± 1,759	20.5%	± 1.0
Related children under 18 years	166,555	± 447	33,543	± 1,741	20.1%	± 1.0
18 to 64 years	451,597	± 1,255	61,190	± 2,307	13.5%	± 0.5
65 years and over	97,600	± 682	7,913	± 550	8.1%	± 0.6
<b>SEX</b>						
Male	344,813	± 929	45,251	± 1,559	13.1%	± 0.4
Female	371,783	± 1,002	58,181	± 2,545	15.6%	± 0.7
<b>RACE AND HISPANIC OR LATINO ORIGIN</b>						
One race	701,531	± 1,949	99,153	± 3,359	14.1%	± 0.5
White	551,173	± 2,242	52,382	± 2,408	9.5%	± 0.4
Black or African American	108,316	± 1,365	35,848	± 1,860	33.1%	± 1.7
American Indian and Alaska Native	1,793	± 281	506	± 227	28.2%	± 11.1
Asian	22,353	± 677	3,932	± 650	17.6%	± 2.8
Hispanic or Latino origin (of any race)	50,810	± 207	17,504	± 1,308	34.4%	± 2.5
White alone, not Hispanic or Latino	523,993	± 1,383	44,134	± 2,249	8.4%	± 0.4
<b>EDUCATIONAL ATTAINMENT</b>						
<b>Population 25 years and over</b>	482,680	± 821	50,942	± 1,939	10.6%	± 0.4
Less than high school graduate	53,545	± 1,733	16,218	± 1,348	30.3%	± 1.9
High school graduate (includes equivalency)	121,042	± 2,142	14,335	± 798	11.8%	± 0.6
Some college, associate's degree	135,977	± 2,311	13,099	± 841	9.6%	± 0.6
Bachelor's degree or higher	172,116	± 2,650	7,290	± 729	4.2%	± 0.4
<b>EMPLOYMENT STATUS</b>						
<b>Civilian labor force 16 years and over</b>	372,806	± 2,536	29,639	± 1,140	8.0%	± 0.3
Employed	344,694	± 2,272	21,369	± 897	6.2%	± 0.3
Male	174,824	± 1,589	8,707	± 713	5.0%	± 0.4
Female	169,870	± 1,675	12,662	± 689	7.5%	± 0.4
Unemployed	28,112	± 1,183	8,270	± 733	29.4%	± 2.2
Male	15,507	± 891	3,839	± 511	24.8%	± 2.8
Female	12,605	± 865	4,431	± 533	35.2%	± 3.4
<b>WORK EXPERIENCE IN THE PAST 12 MONTHS</b>						
<b>Population 16 years and over</b>	571,505	± 1,567	73,235	± 2,457	12.8%	± 0.4
Worked full-time, year-round	229,700	± 2,282	4,292	± 457	1.9%	± 0.2
Worked part-time or part-year	155,924	± 2,476	25,431	± 1,029	16.3%	± 0.6
Did not work	185,881	± 2,484	43,512	± 2,271	23.4%	± 1.0

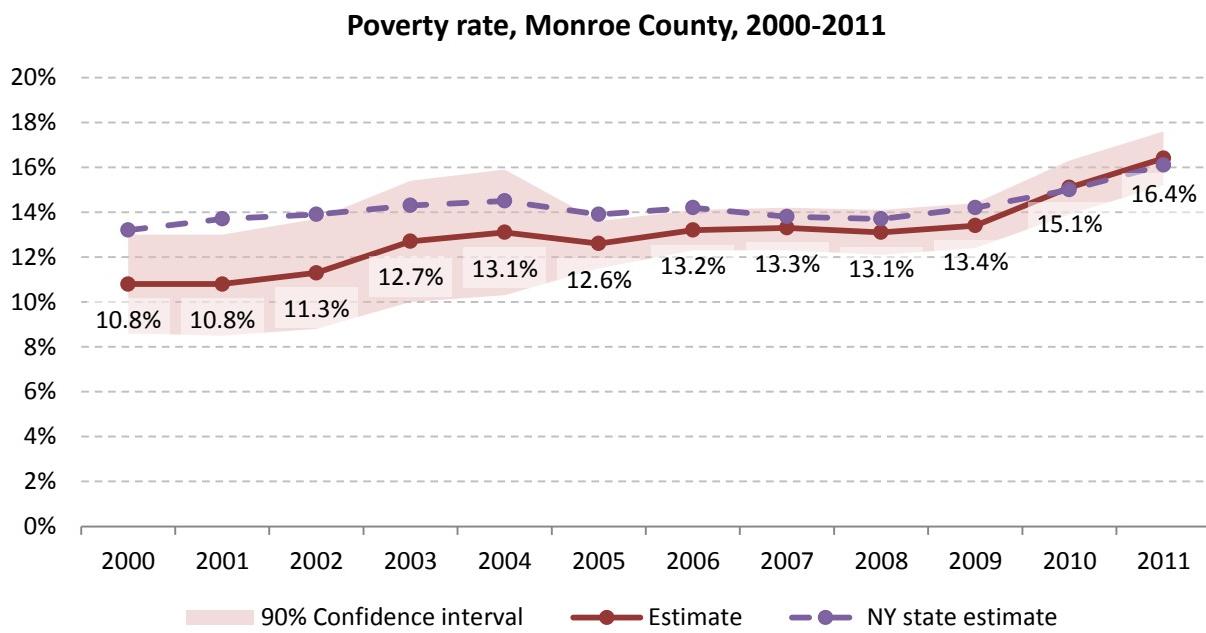
Source: 2007-2011 American Community Survey

## 11.2 Poverty: Trends over time: Count



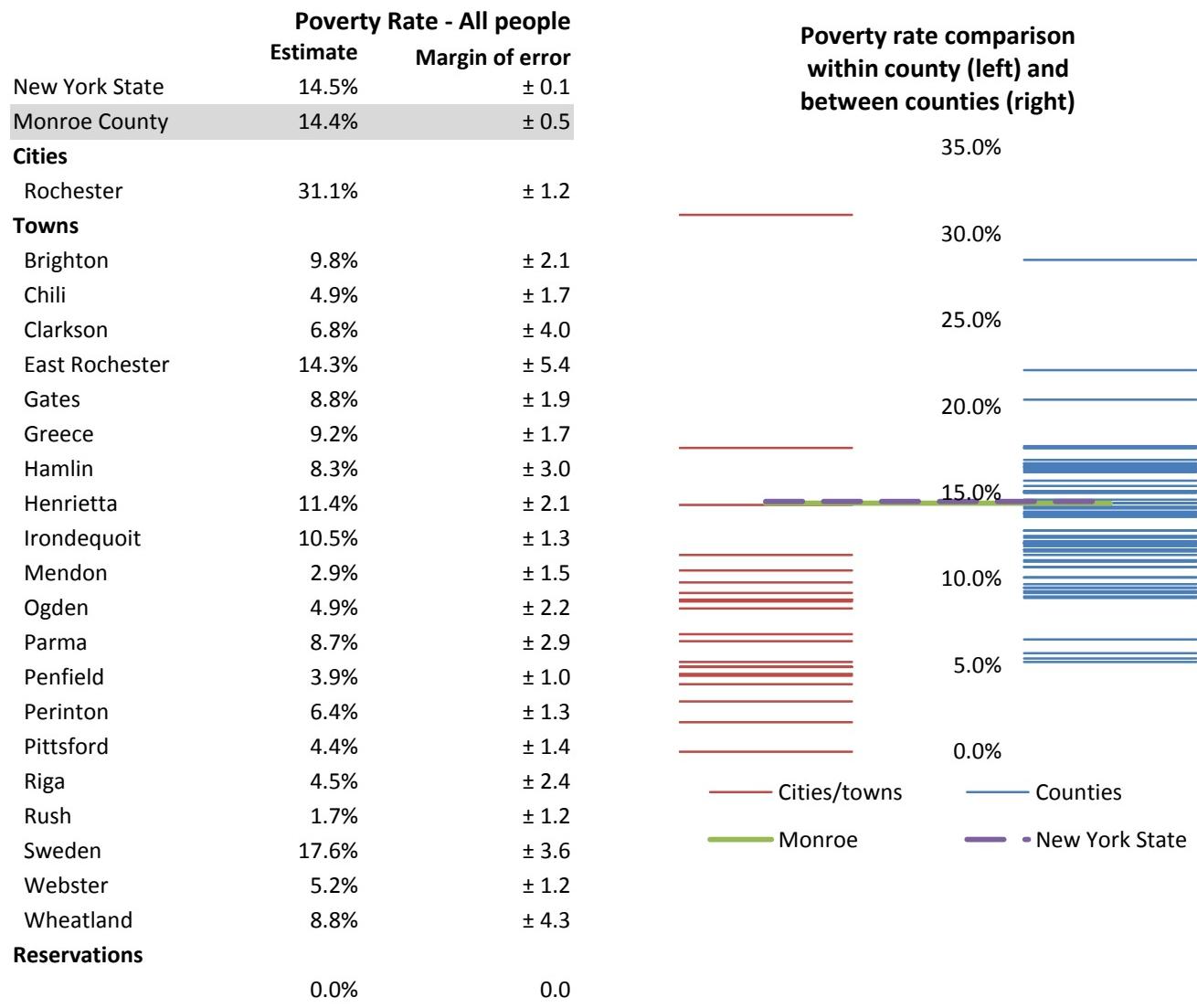
Source: Small Area Income and Poverty Estimates (SAIPE)

## 11.3 Poverty: Trends over time: Rate



Source: Small Area Income and Poverty Estimates (SAIPE)

## 11.4 Poverty rate: comparison between areas

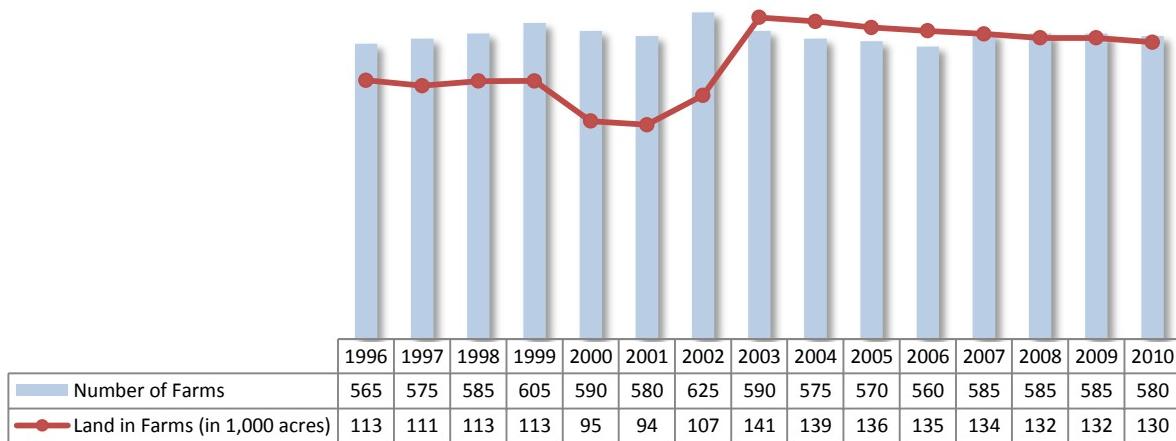


Source: 2007-2011 American Community Survey

## 12 Agriculture

### 12.1 Number of farms and land in farms

Monroe County, 1996-2010



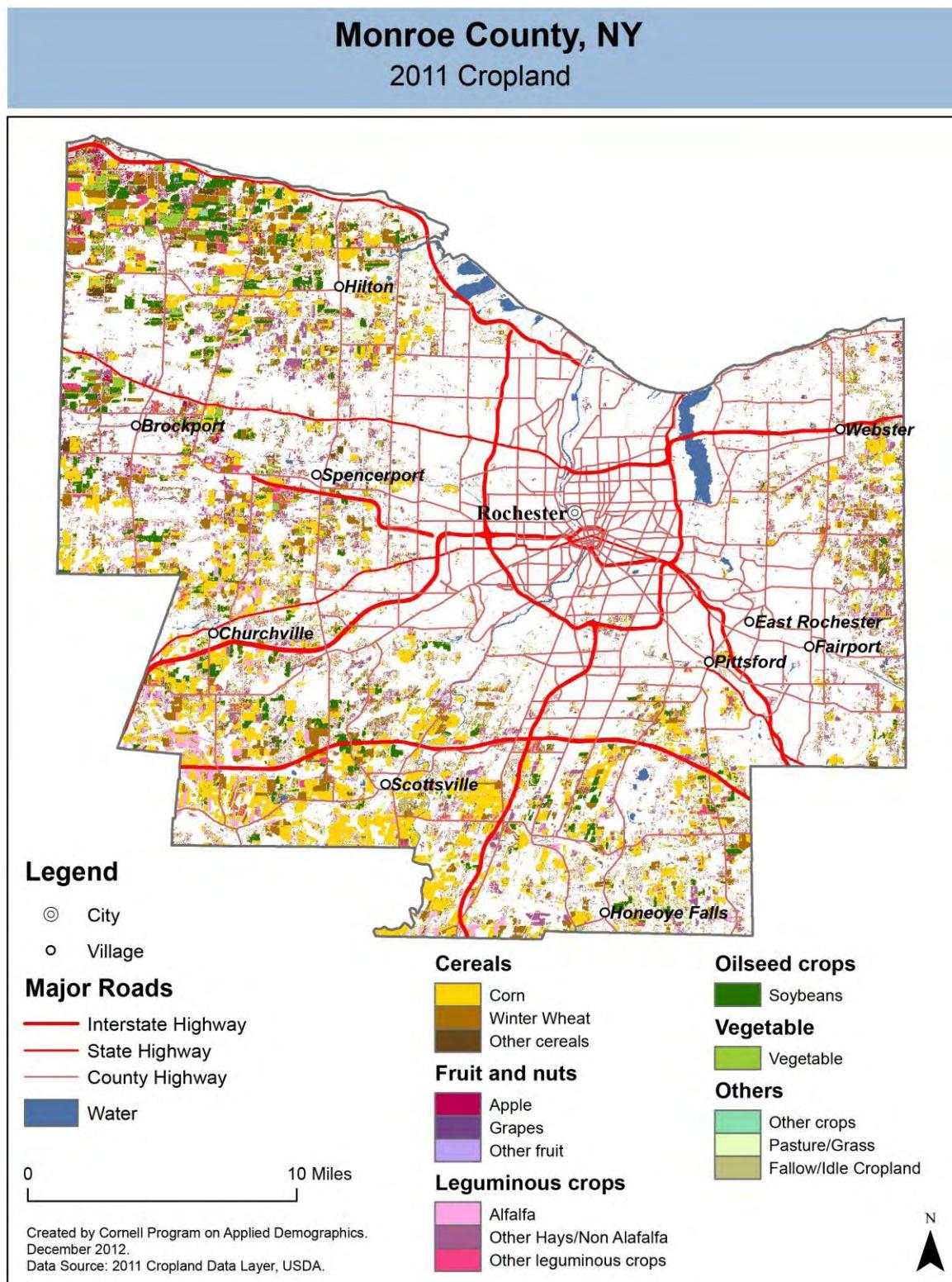
Source: National Agricultural Statistics Service – Annual Statistical bulletin

### 12.2 Farm Operator Characteristics

	Principal Operator		
	Total	Male	Female
<b>Number of farms</b>	585	453	132
Average size of farm (acres)	227	282	41
<b>PRIMARY OCCUPATION</b>			
Farming	324	257	67
Other	261	196	65
<b>AGE</b>			
Under 45	77	43	34
45 to 64 years	342	258	84
65 years and over	166	152	14
Average age (years)	57.6	59.3	52
<b>YEARS ON PRESENT FARM</b>			
Less than 3 years	16	5	11
3 to 4 years	37	23	14
5 to 9 years	71	48	23
10 years or more	461	377	84

Source: 2007 Agricultural Census

## 12.3 Map of type of crop

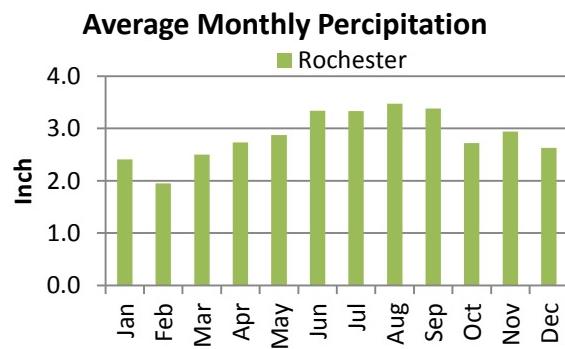
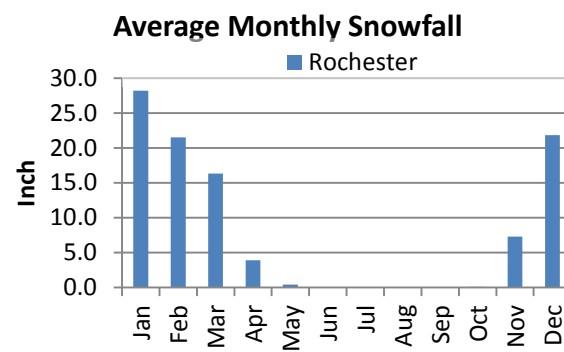
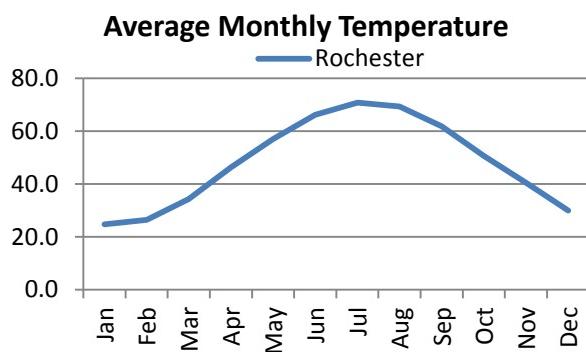
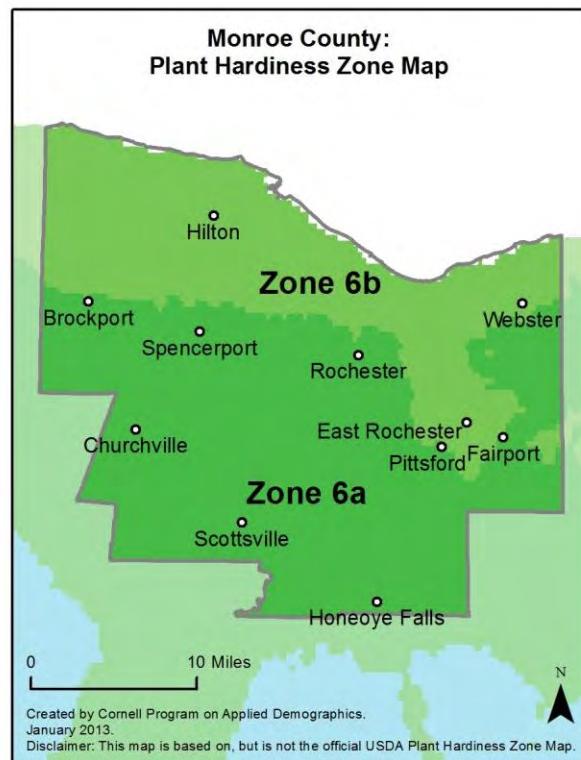


## 12.4 Estimated acreage by crop

	Acreage	%		Acreage	%
<b>Cereals</b>					
Barley	2.9	0.0%	Apples	3,511	2.6%
Corn	37,569	28.2%	Apricots	-	
Millet	-		Blueberries	12	0.0%
Oats	165	0.1%	Cherries	43	0.0%
Rye	469	0.4%	Cranberries	-	
Sorghum	0.2	0.0%	Grapes	7	0.0%
Speltz	691	0.5%	Nectarines	-	
Spring Wheat	0.4	0.0%	Peaches	22	0.0%
Sweet Corn	1,759	1.3%	Plums	-	
Triticale	79	0.1%	Prunes	-	
Winter Wheat	15,952	12.0%	Strawberries	0.9	0.0%
Dbl Crop WinWht/Corn	1.8	0.0%	Walnuts	-	
<b>Leguminous crops</b>					
Alfalfa	8,939	6.7%	Herbs	-	
Other Hay/Non Alfalfa	20,237	15.2%	Peppers	-	
Dry Beans	3,078	2.3%	<b>Trees</b>		
Peas	370	0.3%	Christmas Trees	10	0.0%
Vetch	-		Other Tree Crops	-	
<b>Oilseed crops</b>					
Soybeans	11,394	8.5%	Tobacco	-	
Sunflower	4.4	0.0%	Misc Veggies & Fruits	39	0.0%
<b>Sugar crops</b>					
Sugarbeets	108	0.1%	Clover/Wildflowers	187	0.1%
<b>Root/tuber crops with high starch or inulin content</b>					
Potatoes	113	0.1%	Sod/Grass Seed	0.7	0.0%
<b>Vegetables and melons</b>					
Asparagus	-		Switchgrass	-	
Broccoli	-		Dbl Crop Soybeans/Oats	-	
Cabbage	-		Dbl Crop WinWht/Soybeans	-	
Carrots	226	0.2%	Other Crops	8	0.0%
Eggplants	-		<b>Pasture/Grass</b>		23,249 17.4%
Onions	33	0.0%	<b>Fallow/Idle Cropland</b>		4,043 3.0%
Pumpkins	8	0.0%			
Squash	1,054	0.8%			
Tomatoes	0.4	0.0%			
Turnips	-				

Source: National Agricultural Statistics Service - Cropland Data Layer 2011

## 13 Climate



**Average length of freeze-free season**

	Last day of frost	First day of frost	Season length
Rochester	April 29	October 15	168

Source: NOAA, Northeast Regional Climate Center at Cornell University. Averages 1981-2010

## 14 Glossary

**American Community Survey (ACS)** - The American Community Survey is an ongoing survey of the population that provides data every year on a variety of social and economic characteristics—age, sex, race, family and relationships, income and benefits, health insurance, education, veteran status, disabilities, where you work and how you get there, where you live and how much you pay for some essentials. The ACS replaced the information previously gathered by what was known as the “long form” of the decennial censuses. The ACS provides communities, companies and other institutions with current information they need to plan investments and services. Information from the survey generates data that help determine how more than \$400 billion in federal and state funds are distributed each year. Every estimate presented in the American Community Survey, as in other surveys, has an uncertainty associated with it. Often the magnitude of that uncertainty is expressed as the Margin of Error.

**Confidence Interval (CI)** - indication of the degree of uncertainty about a sample estimates. Confidence intervals have been traditionally reported at the 90, 95 and 99 percent levels. A 90 percent confidence interval can be interpreted, for example, roughly as providing 90 percent certainty that the interval defined by the upper and lower bounds contain the true value of the characteristic. If a Margin of Error is given, the lower bound of the confidence interval is equal to the estimate minus the Margin of Error and the upper bound is equal to the estimate plus the Margin of Error. (See further, Margin of Error definition below.)

**County subdivision or Minor Civil Division (MCD)** - The Census Bureau geography for primary administrative units below the county level in New York is collectively referred to as county subdivisions or minor civil divisions. These include towns, cities and Indian Reservations.

**Decennial Census** - the Census of the population and housing taken every 10 years in the United States, at the start of each decade, since 1790.

**Employed** – either “at work” or “with a job, but not at work”.

**Group Quarters Population** - all U.S. residents who live in group living facilities including correctional institutions, juvenile facilities, skilled nursing facilities, college residence halls, military barracks, group homes, and workers' dormitories.

**Household Population** - all U.S. residents who live in housing units such as single family homes, townhouses, apartments, and mobile homes.

**Intercensal Population Estimates** - estimates produced for the years between two decennial censuses when both the beginning and ending populations are known. They are produced once a decade by adjusting the existing time series of postcensal estimates for the entire decade to smooth the transition from one decennial census count to the next. They differ from the postcensal estimates that are released annually because the difference between the April 1 postcensal estimate and April 1 census count for the end of the decade is redistributed across the estimates for that decade. For dates when both postcensal and intercensal estimates are available, intercensal estimates are preferred.

**Labor Force** - consists of people classified as employed or unemployed.

**Margin of Error (MOE)** - a measure of the precision of an estimate at a given level of confidence. The confidence level of a margin of error indicates the likelihood that the difference between the population value (which you

would get if you could measure the whole population instead of a sample) and the estimate is less than or equal to the margin of error. The range from the estimate minus the margin of error to the estimate plus the margin of error is called the confidence interval. All ACS estimates are published with their margins of error at the 90 percent confidence level. Margins of error are useful in assessing the reliability of estimates and whether differences between estimates are significant.

**NAICS** - The North American Industry Classification System or NAICS is used by business and government to classify business establishments according to type of economic activity (process of production).

**Numeric Population Change** - difference between the population of an area at the beginning and end of a time period. It is computed by taking the difference between the population at one point in time ( $t_1$ ) and some future time ( $t_2$ ).

**Percent Population Change** - difference between the population of an area at the beginning and end of a time period, expressed as a percentage of the beginning population. It is computed by dividing the population change ( $t_2 - t_1$ ) by  $t_1$  and multiplying the result by 100.

**Population Estimates** - The calculated number of people living in an area as of a specified point in time, usually July 1st. The estimated population is calculated using a component of change model that incorporates information on natural increase (births, deaths) and net migration (net domestic migration, net international migration) that has occurred in an area since the latest decennial census. A procedure for estimating the current population using a procedure involving a “base population” value at time  $t - 1$ , adding to that the births during the interval  $t - 1$  to  $t$ , subtracting the deaths during that interval  $t - 1$  to  $t$ , and then adding the net domestic and net international migration that occurred during that interval.

**Population Density** - Total number of people per areal unit like a square mile or square kilometer.

**Population Pyramids** - A graphical way of portraying a population’s age and sex composition at a given slice in time. The first horizontal bar, constituting the base of the graph, is the youngest age group (typically 0-4) with the number of males in that age group on the left and the number of females in that age group on the right. On top of that age group is another horizontal bar for the next age group (e.g. 5-9) and so forth with the top bar typically for those aged 75 and over. In a population with lots of births and deaths, the shape typically forms a pyramid with a broad base and a narrow top. It is one of the most basic ways to understand population change over time as well as between different geographic units of a similar status (e.g. counties).

**Postcensal Estimates** - estimates produced for the years after a decennial census when only the beginning population is known. They are produced and revised each year, targeted to July 1 of that year.

**Projection** - estimated population at some future time based on assumptions about births, deaths, migration, and ages.

**Race/Ethnicity** - the Census Bureau collects racial data in accordance with guidelines provided by the U.S. Office of Management and Budget (OMB), and these data are based on self-identification. The racial categories included in the census questionnaire generally reflect a social definition of race recognized in this country and not an attempt to define race biologically, anthropologically, or genetically. In addition, it is recognized that the categories of the race item include racial and national origin or sociocultural groups. People may choose to report more than one race to indicate their racial mixture, such as “American Indian” and “White.” People who identify their origin as Hispanic, Latino, or Spanish may be of any race. OMB requires five minimum categories: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific

Islander. Hispanics may be classified as white or black. So we generally separate them out as an ethnic group first.

**Unemployed** – Not employed, but actively looking for work and available to accept a job.

**Unemployment rate** – Fraction of the Labor Force that is unemployed.

**Urban Area** – A densely settled area with at least 2,500 people. If the total number of people is less than 50,000 the Census Bureau calls it an Urban Cluster, otherwise an Urbanized Area.

**Vintage** - each year, the U.S. Census Bureau produces and publishes estimates of the population for each state and county, as well as the nation as a whole. These are called "vintages." In producing these vintages, the Bureau utilizes administrative data from a number of sources to estimate 1) the change in population since the most recent decennial census, and 2) the population for each year since the most recent decennial census. With each annual release of population estimates (vintage), the entire time series of estimates beginning on April 1, 2010 is revised and updated.

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URL: <http://pad.human.cornell.edu/>
- Community and Regional Development Institute (CaRDI)  
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  - QuickLinks: <http://quickfacts.census.gov/qfd/states/36/36055lk.html>
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    - Background: <http://2010.census.gov/2010census/>
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    - Home page: <http://www.agcensus.usda.gov/Publications/2007/index.php>
    - County profile:  
[http://www.agcensus.usda.gov/Publications/2007/Online\\_Highlights/County\\_Profiles/New\\_York/cp36055.pdf](http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/County_Profiles/New_York/cp36055.pdf)
    - Race, Ethnicity and Gender Profiles:  
[http://www.agcensus.usda.gov/Publications/2007/Online\\_Highlights/Race,\\_Ethnicity\\_and\\_Gender\\_Profiles/New\\_York/cpd36055.pdf](http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/Race,_Ethnicity_and_Gender_Profiles/New_York/cpd36055.pdf)
- USDA National Agricultural Statistics Service (NASS)
  - Home page: <http://www.nass.usda.gov/index.asp>
  - New York Statistical Bulletins:  
[http://www.nass.usda.gov/Statistics\\_by\\_State/New\\_York/Publications/Annual\\_Statistical\\_Bulletin/](http://www.nass.usda.gov/Statistics_by_State/New_York/Publications/Annual_Statistical_Bulletin/)
  - Cropland Data Layer – CropScape: <http://nassgeodata.gmu.edu/CropScape/>
- USDA Agricultural Research Service – Plant Hardiness Zone Map:  
<http://planthardiness.ars.usda.gov/PHZMWeb/>
- NOAA, Northeast Regional Climate Center at Cornell University
  - Home page: <http://www.nrcc.cornell.edu/index.html>

Alternative sites for data retrieval:

- The Nelson A. Rockefeller Institute of Government – New York State Statistical Yearbooks  
[http://www.rockinst.org/nys\\_statistics/](http://www.rockinst.org/nys_statistics/)
- Headwaters Economics: Economic Profile System – Human Dimensions Toolkit  
<http://headwaterseconomics.org/tools/eps-hdt>
- National Historical Geographic Information System (NHGIS)  
<https://www.nhgis.org/>
- Social Explorer  
<http://www.socialexplorer.com/pub/home/home.aspx>
- Missouri Census Data Center  
<http://mcdc.missouri.edu/>
- DataFerret  
<http://dataferrett.census.gov/>
- Investigative Reporters and Editors (IRE) Census project  
<http://census.ire.org/>